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L1: Entry 2 of 4

File: JPAB

Nov 18, 1997

DOCUMENT-IDENTIFIER: JP 09298731 A

TITLE: PROGRAM GUIDE DISPLAY CONTROLLER AND TELEVISION RECEIVER

Abstract Text (1):

PROBLEM TO BE SOLVED: To prevent plural PPV, which are broadcasted in the same time zone, from being purchased by providing a means for performing display in order to discriminate the time zone, where a purchased program exists, and the time zone in which that program does not exist.

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L3: Entry 10 of 14

File: USPT

Apr 6, 1999

DOCUMENT-IDENTIFIER: US 5893073 A

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus for representing recurring events

Detailed Description Text (54):

If an endmark is used in a second or later recurrence command of a rule, then the endmark is applied each time that recurrence command is executed by the previous recurrence command. For example, the rule "YM1 1 6 #1 MD1 7\$ 14" generates events on 1/7 1/14 2/7 6/7 6/14 7/7.

Detailed Description Text (125):

For example, the grammar may be implemented in devices that perform or invoke operations according to schedules, such as video cassette recorders. According to one embodiment of the invention, a video cassette recorder implements the grammar to store rules representing the schedules of television programs to be recorded. The video cassette recorder receives input from a user specifying a particular schedule. The video cassette recorder generates a recurrence rule to represent the schedule according to the grammar described above. The video cassette recorder parses the stored rules to determine when to initiate recording operations. When a rule indicates that a particular program is going to occur, the video cassette recorder initiates a recording operation.

## CLAIMS:

11. A method for representing in an electronic device a schedule of a recurring event, wherein the schedule includes a cycle of a certain duration, wherein the cycle is repeated N times during the schedule, wherein N is at least two, wherein during the first N-1 iterations of the cycle said recurring event occurs at a first set of times and a second set of times, wherein during the Nth iteration of said cycle said recurring event occurs at said first set of times but not at said second set of times, the method comprising the steps of:

generating a time-interval indicator representing said certain duration;

generating a repeat-quantity indicator representing the value of N;

generating an occurrence list including data representing said first set of times and said second set of times;

inserting at least one symbol into said occurrence list to distinguish between said first set of times and said second set of times.